

IN THE CLAIMS:

Please cancel claims 16-32, and amend the claims as follows:

1. (Currently Amended) A computer-implemented method of cross-selling products based on a system for sale to a customer, comprising:
for each selection by a user of a product from a product information source, receiving an order representing a state of a system based on the user selections; and
~~for each order,~~
in response to receiving each order:
determining whether the order qualifies for one or more cross-sell products; and
if so, presenting the one or more cross-sell products to the user, wherein each of the one or more cross-sell products presented to the user is offered at a discount based on the state of the system, and wherein each of the one or more cross-sell products presented to the user is determined to be compatible with the state of the system.
2. (Currently Amended) The method of claim 1, wherein ~~at least one of each order has been~~ is processed as it is received to ensure that the state of the system is valid.
3. (Currently Amended) The method of claim 1, wherein ~~at least one of each order has been~~ is validated as it is received to ensure that the individual products selected by the user from the product information source for the system are compatible and to ensure that the system is properly configured with products necessary for proper operation.
4. (Currently Amended) The method of claim 1, wherein determining whether the order qualifies for one or more cross-sell products comprises applying matching logic to the order to determine whether the order satisfies predefined conditions.

5. (Currently Amended) The method of claim 1, further comprising calculating a price of ~~at least one iterative~~ each order as it is received.
6. (Currently Amended) The method of claim 1, ~~wherein each of the one or more cross-sell products presented to the user is offered at a discount based on the state of the system~~ further comprising:
 receiving at least one user selection of the one or more cross-sell products;
 determining whether the at least one user selection is compatible with the state of the system;
 if so, adding the at least one user selection to the system; and
 otherwise, if the at least one user selection is not compatible with the state of the system, presenting a message indicating an incompatible user selection.
7. (Original) The method of claim 1, wherein presenting the one or more cross-sell products to the user comprises displaying a notification to the user in a graphical user interface.
8. (Original) The method of claim 7, wherein, for at least one of the one or more cross-sell products, the notification comprises a selectable graphical element for invoking a configuration wizard adapted to facilitate adding the at least one of the one or more cross-sell products to the system.
9. (Currently Amended) A computer-implemented method of cross-selling products based on a system for sale to a customer, comprising:
 receiving, from a user, product selections defining the system;
 configuring the product selections to represent a configured state of the system based on the product selections;

for each product selection, outputting an order representing the configured state of the system; and

for each order, determining whether the order qualifies for one or more cross-sell products; and

if so, presenting the one or more cross-sell products to the user, wherein each of the one or more cross-sell products presented to the user is offered at a discount based on the configured state of the system, and wherein each of the one or more cross-sell products presented to the user is determined to be compatible with the configured state of the system.

10. (Currently Amended) The method of claim 9, wherein, ~~for at least one of the one or more cross-sell products, the notification comprises a selectable graphical element for invoking a configuration wizard adapted to facilitate adding the at least of the one or more cross-sell products to the system~~ presenting the one or more cross-sell products to the user comprises displaying the one or more cross-sell products in a system configuration user interface.

11. (Original) The method of claim 9, wherein determining whether the order qualifies for one or more cross-sell products comprises applying matching logic to the order to determine whether the order satisfies predefined conditions.

12. (Original) The method of claim 9, further comprising validating at least one order to ensure that the individual products selected by the user are compatible and to ensure that the system is properly configured with products necessary for proper operation.

13. (Original) The method of claim 12, wherein the validating is performed subsequent to determining whether the order qualifies for one or more cross-sell products.

14. (Original) The method of claim 9, wherein presenting the one or more cross-sell products to the user comprises displaying a notification to the user in a graphical user interface.
15. (Original) The method of claim 14, wherein, for at least one of the one or more cross-sell products, the notification comprises a selectable graphical element for invoking a configuration wizard adapted to facilitate adding the at least one of the one or more cross-sell products to the system.
16. (Cancelled) A computer readable medium containing a program which, when executed, performs an operation for cross-selling products based on a system for sale to a customer, the operation comprising:
- iteratively receiving an order representing a state of a system based on selections by a user;
 - for each iterative order, applying matching logic to determine whether the order qualifies for one or more cross-sell products; and
 - if the order qualifies, presenting the one or more cross-sell products to the user, wherein each of the one or more cross-sell products presented to the user is offered at a discount based on the state of the system.
17. (Cancelled) The computer readable medium of claim 16, wherein each iterative order is output by a configuration tool adapted to:
- receive, from the user, product selections defining the system;
 - configure the product selections to represent the state of the system based on the product selections;
 - for each product selection, output the order representing the state of the system.
18. (Cancelled) The computer readable medium of claim 16, wherein at least one iterative order is processed to ensure that the state of the system is valid.

19. (Cancelled) The computer readable medium of claim 16, the operation further comprising validating the state of the system to ensure that the individual products selected by the user are compatible and to ensure that the system is properly configured with products necessary for proper operation.
20. (Cancelled) The computer readable medium of claim 16, wherein applying matching logic comprises determining whether the order satisfies predefined conditions.
21. (Cancelled) The computer readable medium of claim 16, wherein presenting the one or more cross-sell products to the user comprises displaying a notification to the user in a graphical user interface.
22. (Cancelled) The computer readable medium of claim 21, wherein, for at least one of the one or more cross-sell products, the notification comprises a selectable graphical element for invoking a configuration wizard adapted to facilitate adding the at least one of the one or more cross-sell products to the system.
23. (Cancelled) The computer readable medium of claim 16, the operation further comprising calculating a price of at least one iterative order.
24. (Cancelled) A sales system for configuring a computer system for sale to a customer, comprising:
- (a) a source of product information for a plurality of products to create the computer system;
 - (b) a source of cross-sell product information for a plurality of cross-sell products each being related to a configured state of the computer system;
 - (c) a cross-sell analyzer configured to:
 - iteratively take as input configured orders, each representing the configured state of the computer system based on user selections from at least the source of product information; and

for each order, apply matching logic to determine whether the order qualifies for one or more of the plurality of cross-sell products; and

if the order qualifies, presenting the one or more qualifying cross-sell products to the user, whereby the user avoids a burden of manually identifying the one or more qualifying cross-sell products; and

(d) a pricing engine configured to calculate a price of the computer system in the configured state.

25. (Cancelled) The system of claim 24, wherein each of the one or more qualifying cross-sell products presented to the user is offered at a discount based on the state of the system.

26. (Cancelled) The system of claim 24, wherein the source of product information and the source of cross-sell product information are the same information source.

27. (Cancelled) The system of claim 24, wherein the source of product information and the source of cross-sell product information comprises product data and associated logic relating the product data to each other.

28. (Cancelled) The system of claim 24, further comprising wherein applying matching logic comprises determining whether the order satisfies predefined conditions.

29. (Cancelled) The system of claim 24, further comprising a graphical user interface configured to display available selections from each of the source of product information and the source of cross-sell product information and further configured to present the one or more qualifying cross-sell products to the user.

30. (Cancelled) The system of claim 29, wherein the graphical user interface comprises a selectable graphical element for invoking a configuration wizard adapted to facilitate adding the one or more qualifying cross-sell products to the computer system.

31. (Cancelled) The system of claim 24, further comprising a configuration tool adapted to:

receive, from the user, the user selections from at least the source of product information;

configure the user selections to represent the configured state of the computer system based on the user selections;

for each user selection, output the order representing the configured state of the computer system.

32. (Cancelled) The system of claim 31, wherein the configuration tool is further adapted to validate the state of the computer system to ensure that the individual products selected by the user are compatible and to ensure that the computer system is properly configured with products necessary for proper operation.

Please add the following new claims:

33. (New) A computer-implemented method, comprising:

receiving, in a configuration interface, user selections of one or more component products to be added to a configured system;

determining, based on the user selections of one or more component products, one or more cross-sell products that may be added to the configured system;

determining, based on the user selections of one or more component products, a discounted value for each of the one or more cross-sell products;

providing, in the configuration interface, one or more indications of the one or more cross-sell products available to be added to the configured system, wherein each indication includes the discounted value of the corresponding cross-sell product;

receiving, in the configuration interface, a user selection of at least one cross-sell product to be added to a configured system;

providing, based on the user selections of one or more component products and the user selection of at least one cross-sell product, one or more software wizards to assist the user in configuring the configured system;

receiving, in the one or more software wizards, user instructions defining the configured system, wherein the user instructions indicate a specific arrangement of the one or more component products and the at least one cross-sell product within the configured system;

determining whether the user instructions represent a valid configuration for the configured system;

if so, presenting, in the configuration interface, a message indicating a valid configuration; and

otherwise, if the user instructions do not represent a valid configuration for the configured system receiving, presenting, in the configuration interface, a message indicating an invalid configuration.

34. (New) The method of claim 33, wherein determining one or more cross-sell products that may be added to the configured system comprises applying matching logic to determine whether the one or more component products satisfy predefined conditions.

35. (New) The method of claim 33, wherein each indication includes a limited quantity of the corresponding cross-sell product available to be added to the configured system.

36. (New) The method of claim 35, wherein the limited quantity is based on the user selections of one or more component products.

37. (New) A computer-implemented method of cross-selling products to a customer, comprising:

receiving, from a user, product selections to be included in a system;

determining, based on the product selections, a first configured system, wherein the configured system represents a validly operable configuration of the product selections;

retrieving, from a data store, a second configured system, wherein the second configured system was based on at least one order previously received from the same user;

determining one or more cross-sell products that are compatible with both the first configured system and the second configured system; and

presenting the one or more cross-sell products to the user, wherein each of the one or more cross-sell products presented to the user is offered at a discount.

38. (New) The method of claim 37, wherein the discount is based on the first configured system.

39. (New) The method of claim 37, wherein the discount is based on the second configured system.

40. (New) The method of claim 37, wherein the discount is based on both the first configured system and the second configured system.

41. (New) The method of claim 37, wherein the discount comprises an entire price of each cross-sell product, such that each cross-sell product is offered to the user for free.

42. (New) The method of claim 37, wherein each of the one or more cross-sell products presented to the user is offered in a limited quantity.

43. (New) The method of claim 42, wherein the limited quantity is based on at least one of the first configured system and the second configured system.